

Colt Osaka Data Centre

Data centre specification



Colt Osaka Data Centre

Robust urban data centre in the Kansai region with leading-edge disaster counter measures and security

Service overview

Colt Osaka Data Centre, conveniently located in Kita-ku, Osaka City close to central Osaka, is a high specification Tier 3 facility with carrier neutral network access. Offered with Colt's full range of data centre, network, and managed IT services, Colt Osaka Data Centre is an optimal primary data centre for Osaka/Kansai-based businesses, and a reliable secondary site for Tokyo-based businesses seeking geographic diversity.

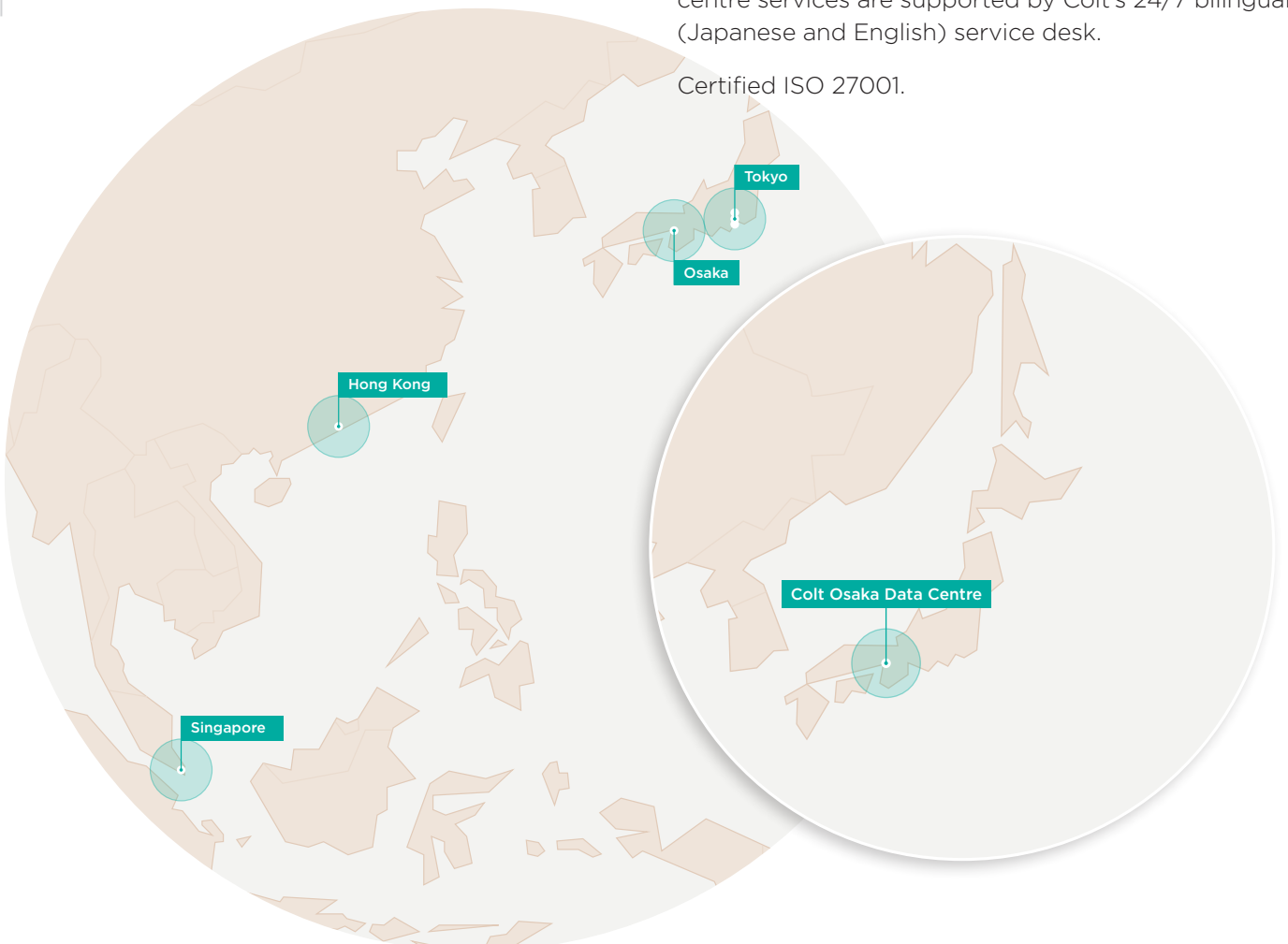
The facility is highly efficient and uses natural energies such as free cooling, outdoor air-cooling and solar energy systems to lower its operating costs with a low PUE level of 1.4.

Colt Osaka Data Centre is also an ideal BCP site in combination with Colt data centres in other locations. With electric power supplied from Kansai Electric Power Co., Inc., this data centre is fully equipped with extensive disaster countermeasures, including seismic isolation as well as barriers and a raised entrance floor to mitigate flooding.

Colt Osaka Data Centre offers UPS and emergency power generators, all of (N+1) configuration, and its generators can supply up to 48 hours of full power in the unlikely case of a power outage. Preferred refuelling contracts with suppliers have been secured to ensure additional fuel as required.

Colt's data centres throughout the Asia Pacific region are a key part of Colt's specialised solutions, which combine data centre services with an extensive range of network services, and robust cloud solutions to enable multinational customers to establish IT service hubs that support their business in Asia. All Colt data centre services are supported by Colt's 24/7 bilingual (Japanese and English) service desk.

Certified ISO 27001.



Primary data centre site in central Osaka

Highly efficient, Tier 3+ facility with a low PUE of 1.4.

Readily accessible urban DC

Conveniently located to visit for operation tasks, approx. 10 minutes by car from Osaka and Shin-Osaka Stations.

Leading-edge disaster control and security

Seismic isolation and access control using a biometric system.

One-stop integrated solutions

Complete bundled solutions of telecom and IT services from basic connectivity to managed IT solutions and professional service.



Facility overview

- SRC reinforced concrete construction, 9 floors above the ground
- Seismic isolation with 1.5 times the seismic capacity required according to the Building Standards Act
- 11,534m² of computing space (up to 1,300 racks) for the entire building
- High-performance connectivity using Colt's resilient, low-latency backbone
- Multi-carrier connectivity also available
- Dedicated private connectivity to MS Azure and AWS cloud available on site
- Operations staff on-site 24/7
- Active monitoring and maintenance of all data centre equipment



Power capacity

- High-voltage 22kV 3-circuit spot network power receiving system
- Uninterruptible power system with (N+1) configuration
- (N+1) configuration, heavy oil standby generators
- Over 48 hours of fuel on-site under full load; preferred refuelling contracted with suppliers
- Average annual PUE of 1.4



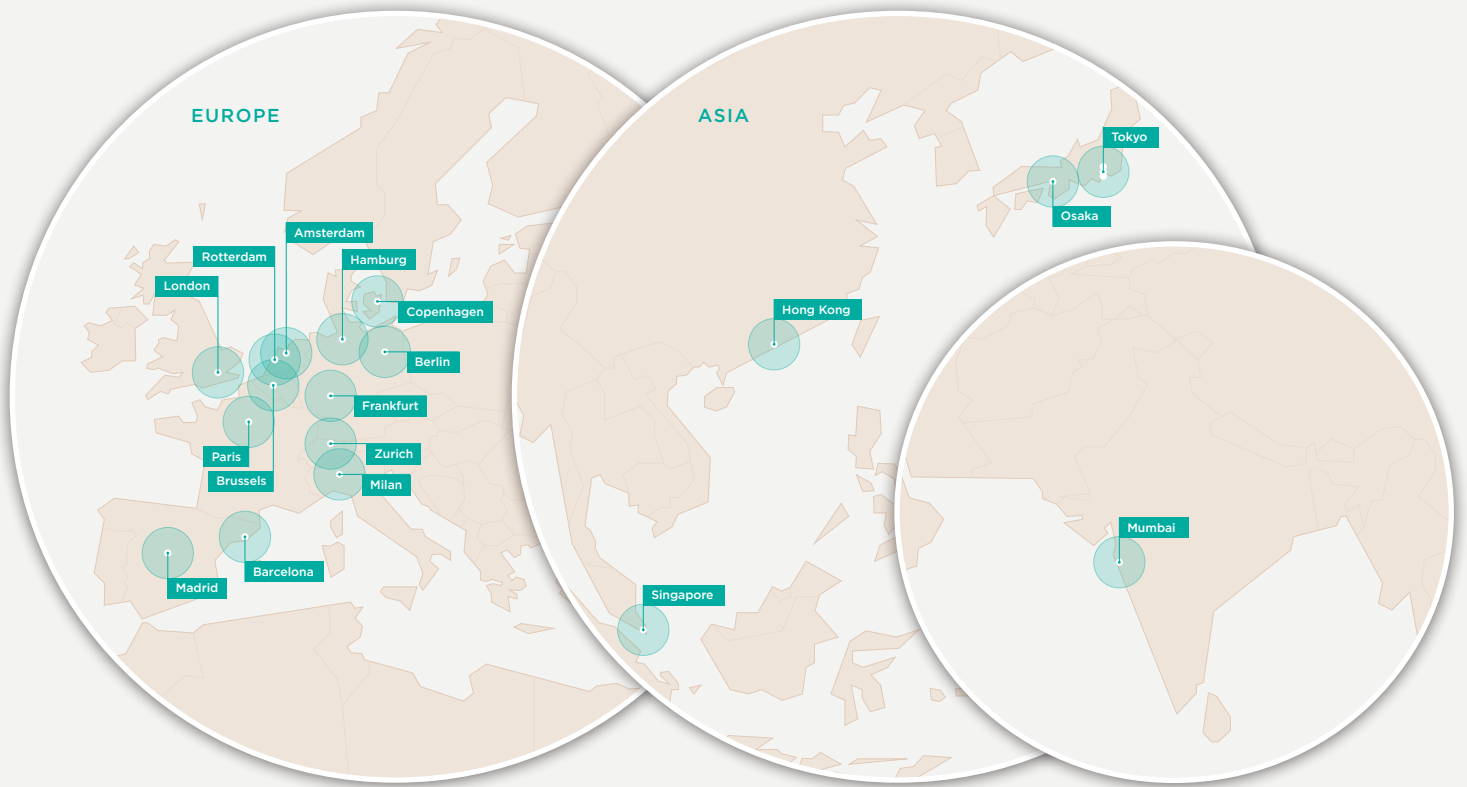
Cooling

- Combination of central cooling systems, free cooling systems and outdoor air cooling
- Capping installed between each rack to separate circulation of hot and cold air and for significant energy saving
- Precise temperature and humidity controlled by computer by adopting under-floor air distribution systems



Safety

- Nitrogen gas fire suppression system
- VESDA early warning system
- On-site security staff and surveillance cameras 24/7
- Multi-layer physical security with biometric authentication system and ID card access systems
- Mantraps located on each floor to prevent unauthorised access



Our **Carrier Neutral** Data Centre Locations

Belgium

Colt Brussels Data Centre

Denmark

Colt Copenhagen Data Centre

France

Colt Paris North Data Centre
Colt Paris South West Data Centre

Germany

Colt Berlin Data Centre
Colt Frankfurt City Data Centre
Colt Frankfurt West Data Centre
Colt Hamburg Data Centre

Hong Kong

Colt Hong Kong Data Centre

India

Colt Mumbai Data Centre

Italy

Colt Milan Data Centre

Japan

Colt Osaka Data Centre
Colt Tokyo Shiohama Data Centre
Colt Tokyo Inzai Data Centre
Colt Tokyo Inzai Data Centre Two
Colt Tokyo Otemachi Data Centre

Netherlands

Colt Amsterdam South East Data Centre
Colt Rotterdam Data Centre

Singapore

Colt Singapore Data Centre

Spain

Colt Barcelona Data Centre
Colt Madrid Data Centre

Switzerland

Colt Zurich Data Centre

United Kingdom

Colt London City Data Centre
Colt London West Data Centre
Colt London North Data Centre



0120-815919
+81-3-4560-4490



dcsinfo@colt.net



www.coltdcs.com



Colt Data Centre Services



@ColtDataCentres



Colt Data Centre Services



In today's world, great businesses must be secure, resilient, scalable and above all - connected.

At Colt Data Centre Services this is our business. Colt Data Centre Services offers flexible and affordable colocation and IT infrastructure solutions. Our connectivity and colocation solutions allow our customers freedom to plan effectively for the growth of their business, knowing that their data centre strategy is future-proof.

We operate 24 state-of-the-art data centres across Europe and Asia Pacific, offering 24/7 security and local language support. We are connected to a further 530+ third party data centres across our network and are able to offer private links into the major public cloud providers.

As the only data centre provider in the world to secure the highest M&O certification by the Uptime Institute, our operational standards are recognised as industry-leading.

Colt Data Centre Services has over 20 years' experience in designing, building and operating energy-efficient, reliable data centres - hosting significant financial, media, corporate and cloud wholesale providers across the world.

© 2020 Copyright Colt Technology Services. The Colt name and logos are trade marks. All rights reserved. Ref: 2020-06-15-DS-OSAKA

Accreditations

ISO 27001